

ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: December 30, 1983

TO: File

FROM: Anne C. Sause

SUBJECT: Indiana/R5-8307-04-85

Gary/Gary Land Development

Groundwater Sampling

On December 27, 1983, Paul Hess, John Angelo, Dan Cozza and the author arrived at the above referenced site in order to sample monitoring wells. Due to a lack of daylight hours, it was decided to return the next day to sample.

On December 28, 1983, samples were obtained from two monitoring wells and a ditch. Both of the monitoring wells were installed on the south side of the site between the fill and the Calumet River. The wells were several hundred feet apart. The ditch ran along the west property line of the site. A monitoring well was in the ditch, but unaccessible because water had accumulated and frozen over the well. Ice was chopped from the top and the water beneath was sampled.

Attached is a table giving the sample descriptions, their traffic report numbers, and other pertinent information. Also, attached is a site sketch showing the sample location.

The samples were preserved and packaged at the Schaumburg warehouse. Both the metals sample and the cyanide sample were decanted prior to their preservation. The organic samples were shipped to Aquatech (A.B. #696601091), and the inorganic samples were shipped to Chemtech (A.B. #696601102). Both sets were shipped via Federal Express.

ACS/db

Attachment

US EPA RECORDS CENTER REGION 5

415012

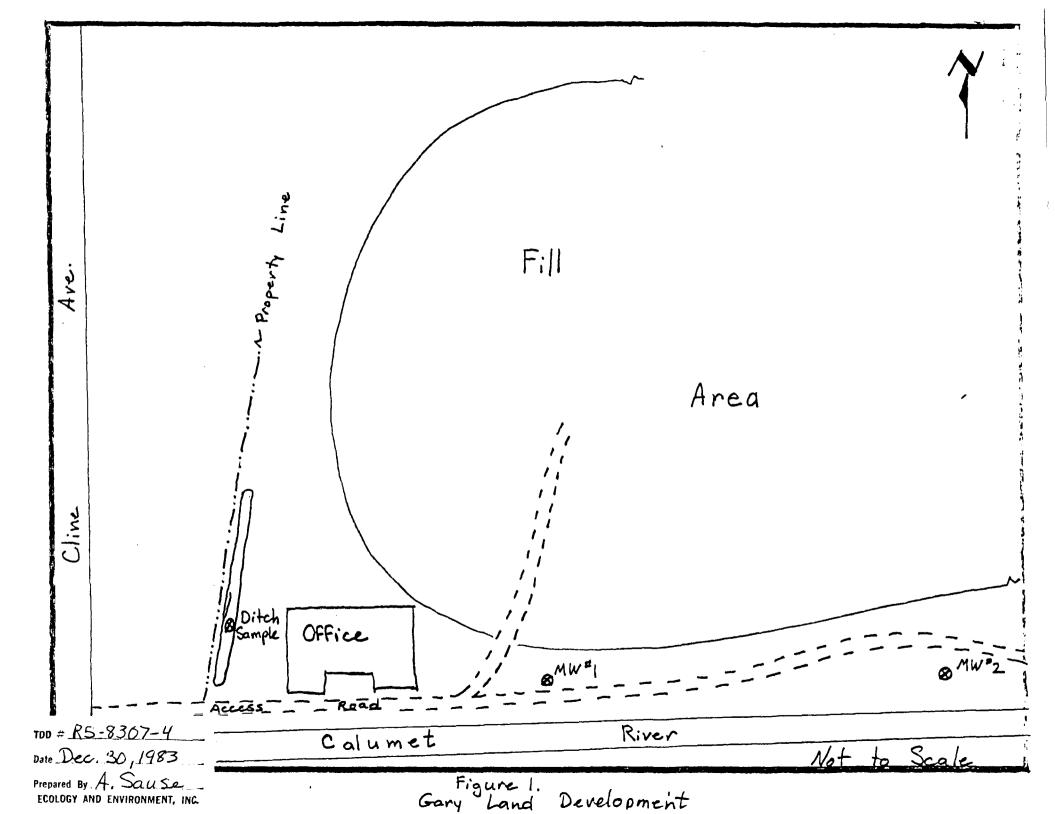
recycled paper

Table 1 Groundwater Sampling at Gary Land Development, Gary, Indiana

December 30, 1983

Time 1	Organic Traffic Report Number	Inorganic Traffic Report Number	Station Location	Sample Description
1020	E 3364	ME 1659	Blank	Blank
0945	E 3365	ME 1660	MWl	Monitoring Well #1
1050	E 7166	ME 1661	MW2	Monitoring Well #2
0950	E 7167	ME 1662	Dup].	Duplicate ²
1025	E 7168	ME 1663	MW3	Ditch

Legend
1-Time given in military time.
2-Duplicate sample taken from monitoring well #1.



Site Nam Case Num	iber: 2	31 <i>5</i>			
4	Date: 12				
1000	Time:/				
A Party		tion: Blank / Blank	n t		.
	-				
Org	anic Traffi	c Number E 3364			
要 表为:		fic Number ME 1659			
C.4		affic Number E 5-34		:38	
 	Description				
<u>k</u> . –	-	on: Clear,	Di tille d water	_	
		- with	waxee waxee		
Physical	Changes (if	f any)			
mg√ T	_	tion until shipment:	Some		
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	7.	/ :			
lnstrume	nt Readings	(i.e pH, conduct	:ivity): <i>No</i>	ne	
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Sampling Sample/St Sample/St Orga Inon A9 High	Date:	23/043 3235// 22-28-83 2945 tion: MWI / Monit Number E 3365 fic Number ME 1660	Foring Well #1 539 +hru 5-346	544	(696
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ampling sampling sample/Stampl	Date: // Citers Changes (if collected)	231043 32351/ 22-28-83 2945 tion: MWI / Monit Number E 3365 Fic Number ME 1660 offic Number E 5-34 on: Clear yellow tion until shipment:	Foring Well #1 539 thru 5-345 with particulates	settling	out
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Site Name / T	DD#: Gary Land Development	/ ROS-8307-04
Case Number :	,	•
Sampling Date	: 12-28-83	
Sampling Time	:	•
Sample/Statio	n Location: MW#2 / Monitor	ing Well #2
•		
Organic '	Traffic Number E 7/66	
_	c Traffic Number ME 66	
	ard Traffic Number E 5-34545	than 6-34550
•		
Physical Desc		11/
At time of co	lection: <u>lear</u> , yellowish	with particulates.
	<u> </u>	
	ges (if any)	
From time of o	collection until shipment: 🏚	rticulates settling out.
of sample	collection until shipment: for Sample decanted pri	or to metals and cyanide
F WWW WIN	m. adings (i.e pH, conductivit	
		1000
Vo A	1. 13290022 231043 823611	Org Aquatech (69660109) Inorg - Chemitech (696601102)
Sampling Date:	12-29-83	
Sampling Time:	0950	
Sample/Station	Location: Dupl. / Duplicate	(from MWI)
Organic T	raffic Number E 7167	
Inorganic	Traffic Number ME 1662	
1a98 High Haza	ard Traffic Number E 5-3525/	thru 5-35256
Physical Descr	ription	
_	lection: Clear yellowish	liquid with matin-
ulate	s.	suffere was proved
	HADA HA	
Physical Chang	es (ir any)	1. 14
rrom time of c	collection until snipment: Ma	rticulates settling out or to metals and cyanide
of Sample.	tion. decanted pre	or to melals and cryanide
Instrument Rea	dings (i.e ph, conductivit	y): <u>Vone</u>
Lot Nos: 1/2 gal	13290022	Org: Aquatech (696601091)
	231043 4 233 20012	

Site Name / TDD#: Gary Land Dove	Jan ent / RG-8307-04
Case Number: 2315	the second of th
Sampling Date: 12-24-83	
Sampling Time: 1025	
Sample/Station Location: <u>Mw*3</u> / Dit	th
Organic Traffic Number E 7168 Inorganic Traffic Number ME 1663 Whigh Hazard Traffic Number E 5-3525	7 thru 5-35262
Physical Description	
At time of collection: Clear	
Physical Changes (if any) From time of collection until shipment: decanted prior to retals and	Same. Samples.
Instrument Readings (i.e pH, conductivi	, ,
Lot Noo: 1/2 gals. 13290022 VOA 231043 Liter 323511	Org. to Aquatech (69660109 Inorg. to Chemtech (69660110
Sampling Date:	
Sampling Time:	
Sample/Station Location:	
Organic Traffic Number E	
Inorganic Traffic Number ME	
High Hazard Traffic Number E	
Physical Description	
At time of collection:	
Physical Changes (if any)	
From time of collection until shipment:	
Instrument Readings (i.e ph, conductivit	ty):
	ACS 12-21-83

FAVIRONMENTAL PROTECTION AGENCY Office of Enforcement

Low Concentration REGION 5

230 South Dearborn Street Chicago, Illinois 60604

CHAIN OF CUSTODY RECORD

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Low Concentration

230 South Dearborn Street Chicago, Illinois 60604

CHAIN OF CUSTODY RECORD PROJECT NAME PROJ. NO. Gary Land Development 85-8307-NO. SAMPLERS: (Signature) OF anne C Sause REMARKS CON-TAINERS STA. NO. DATE TIME STATION LOCATION Blank Blank E3364 ME 1659 1020 Monitoring Well #1 E3365 MWI ME1660 0945 3 MW3 13290022 E 7168 ME 1663 1025 Water Samples Relinquished by: (Signature) Date / Time Date / Time Received by: (Signature) Received by: (Signature) Relinquished by: (Signature) 12/14/12/1730 Relinquished by: (Signature) Date / Time Received by: (Signature) Date / Time Received by: (Signature) Relinquished by: (Signature) Remarks Shipped Federal Express to: Aquatech Relinquished by: (Signature) Received for Laboratory by: Date / Time Date / Time (Signature) Custody Seal 163. 17954, 17955 Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File No: 696601091

Low Concentration

REGION 5

230 South Dearborn Street Chicago, Illinois 60604

CHAIN OF CUSTODY RECORD

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MW2	1428/	1050		V	Monitoring	Well #2	2	1		1			ME 1661	E71	166	323511
Duple	13/83	0950	3	V	Duplicate		2	1		1			ME 1662	E7	167	330731
MW3	12/18/13	1025		V	Ditch		2	1		1			ME 1663	E7	168	32351/
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